



National Nutrient Database for Standard Reference
Release 28 slightly revised May, 2016

Statistics Report 09512, Grape juice, canned or bottled, unsweetened, with added ascorbic acid and calcium [a](#)

Report Date: June 30, 2017 10:50 EDT

Nutrient values and weights are for edible portion.

Nutrient	Unit	Value Per 100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Proximates													
Water 1 2	g	84.51	5	0.888	83.62	85.78	1.0	73.23	95.79	2	Analytical or derived from analytical	--	04/2014
Energy	kcal	62	--	--	--	--	--	--	--	--	Calculated or imputed	--	04/2014
Energy	kJ	258	--	--	--	--	--	--	--	--	Calculated or imputed	--	04/2014
Protein 1 2	g	0.37	5	0.012	0.36	0.42	1.0	0.227	0.52	2	Analytical or derived from analytical	--	04/2014
Total lipid (fat) 1 2 3	g	0.13	7	0.078	0	0.34	2.0	-0.208	0.46	3	Analytical or derived from analytical	--	04/2014
Ash 1 2	g	0.22	4	0.058	0.11	0.28	1.0	-0.518	0.954	2	Analytical or derived from analytical	--	04/2014
Carbohydrate, by difference	g	14.77	--	--	--	--	--	--	--	--	Calculated or imputed	--	04/2014
Fiber, total dietary 1	g	0.2	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Sugars, total	g	14.20	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Sucrose 1 2	g	0.04	5	0.037	0	0.07	1.0	-0.436	0.511	2	Analytical or derived from analytical	--	04/2014
Glucose (dextrose) 1 2	g	6.81	5	0.026	6.72	6.87	1.0	6.476	7.136	2	Analytical or derived from analytical	--	04/2014
Fructose 1 2	g	7.36	5	0.062	7.2	7.69	1.0	6.569	8.152	2	Analytical or derived from analytical	--	04/2014
Lactose 1 2	g	0.00	5	0.000	0	0	--	--	--	2	Analytical or derived from analytical	--	04/2014
Maltose 1 2	g	0.00	5	0.000	0	0	--	--	--	2	Analytical or derived from analytical	--	04/2014
Galactose 1	g	0.00	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Minerals													
Calcium, Ca	mg	42	--	--	--	--	--	--	--	--	Calculated from nutrient label by NDL	--	04/2014
Iron, Fe 1 2 4 5 6	mg	0.25	13	0.070	0.09	1	4.0	0.054	0.443	5	Analytical or derived from analytical	--	04/2014
Magnesium, Mg 1 2 4 5 6	mg	10	14	0.910	7	15	4.0	7.45	12.502	5	Analytical or derived from analytical	--	04/2014

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Phosphorus, P 1 2 4 5 6	mg	14	14	1.284	10	18	4.0	10.254	17.386	5	Analytical or derived from analytical	--	04/2014
Potassium, K 1 4 5 6	mg	104	9	5.291	83	119	3.0	87.39	121.068	4	Analytical or derived from analytical	--	04/2014
Sodium, Na 1 2 4 5 6	mg	5	14	0.623	2	8	4.0	2.911	6.371	5	Analytical or derived from analytical	--	04/2014
Zinc, Zn 1 4 5 6	mg	0.07	10	0.009	0.05	0.13	3.0	0.046	0.1	4	Analytical or derived from analytical	--	04/2014
Copper, Cu 1 2 4 5 6	mg	0.018	14	0.004	0.01	0.04	4.0	0.008	0.029	5	Analytical or derived from analytical	--	04/2014
Manganese, Mn 1 2 4 5 6	mg	0.239	14	0.024	0.08	0.43	4.0	0.172	0.307	5	Analytical or derived from analytical	--	04/2014
Selenium, Se 2	µg	0.0	4	--	0	0	--	--	--	1	Analytical or derived from analytical	--	04/2014
Fluoride, F 1 7 8	µg	138.0	32	65.977	72	204	--	--	--	1	Analytical or derived from analytical	--	04/2014
Vitamins													
Vitamin C, total ascorbic acid	mg	25.0	--	--	--	--	--	--	--	--	Calculated from nutrient label by NDL	--	04/2014

Nutrient	Unit	Value Per 100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Thiamin 1	mg	0.017	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Riboflavin 1	mg	0.015	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Niacin 1	mg	0.133	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Pantothenic acid 1	mg	0.048	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Vitamin B-6 1	mg	0.032	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Folate, total 1	μg	0	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Folic acid 1	μg	0	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Folate, food 1	μg	0	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Folate, DFE	μg	0	--	--	--	--	--	--	--	--	Calculated or imputed	--	04/2014
Choline, total 1	mg	3.2	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Betaine ¹	mg	0.2	1	--	--	--	--	--	--	--	Analytical or derived from analytical		-- 04/2014
Vitamin B-12	µg	0.00	--	--	--	--	--	--	--	--	Assumed zero		-- 04/2014
Vitamin B-12, added	µg	0.00	--	--	--	--	--	--	--	--	Assumed zero		-- 02/2015
Vitamin A, RAE	µg	0	--	--	--	--	--	--	--	--	Calculated or imputed	09135	02/2015
Retinol	µg	0	--	--	--	--	--	--	--	--	Assumed zero		-- 02/2015
Carotene, beta	µg	5	--	--	--	--	--	--	--	--	Calculated or imputed	09135	02/2015
Carotene, alpha	µg	0	--	--	--	--	--	--	--	--	Calculated or imputed	09135	02/2015
Cryptoxanthin, beta	µg	0	--	--	--	--	--	--	--	--	Calculated or imputed	09135	02/2015
Vitamin A, IU	IU	8	--	--	--	--	--	--	--	--	Analytical or derived from analytical		-- 02/2015
Lycopene	µg	0	--	--	--	--	--	--	--	--	Calculated or imputed	09132	02/2015
Lutein + zeaxanthin	µg	57	--	--	--	--	--	--	--	--	Calculated or imputed	09132	02/2015
Vitamin E (alpha-tocopherol) ^{3 9}	mg	0.00	3	0.000	0	0	--	--	--	2	Analytical or derived from analytical		-- 04/2014
Vitamin E, added	mg	0.00	--	--	--	--	--	--	--	--	Assumed zero		-- 02/2015
Tocopherol, beta ^{3 9}	mg	0.00	3	0.000	0	0	--	--	--	2	Analytical or derived from analytical		-- 04/2014
Tocopherol, gamma ^{3 9}	mg	0.00	3	0.000	0	0	--	--	--	2	Analytical or derived from analytical		-- 04/2014

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Tocopherol, delta 3.9	mg	0.00	3	0.000	0	0	--	--	--	2	Analytical or derived from analytical	--	04/2014
Vitamin D (D2 + D3)	µg	0.0	--	--	--	--	--	--	--	--	Assumed zero	--	02/2015
Vitamin D	IU	0	--	--	--	--	--	--	--	--	Assumed zero	--	02/2015
Vitamin K (phylloquinone) 10	µg	0.4	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Lipids													
Fatty acids, total saturated	g	0.025	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
4:0	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
6:0	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
8:0	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
10:0	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
12:0	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
14:0	g	0.001	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
16:0	g	0.021	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
18:0	g	0.003	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Fatty acids, total monounsaturated	g	0.003	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
16:1 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
18:1 undifferentiated	g	0.003	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
20:1	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
22:1 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Fatty acids, total polyunsaturated	g	0.022	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
18:2 undifferentiated	g	0.017	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
18:3 undifferentiated	g	0.005	1	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
18:4	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
20:4 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
20:5 n-3 (EPA)	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
22:5 n-3 (DPA)	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
22:6 n-3 (DHA)	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Fatty acids, total trans	g	0.000	--	--	--	--	--	--	--	--	Assumed zero	--	06/2015
Cholesterol	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	04/2014
Amino Acids													
Threonine	g	0.016	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Isoleucine	g	0.007	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Leucine	g	0.012	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Lysine	g	0.010	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Methionine	g	0.001	3	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Phenylalanine	g	0.012	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Tyrosine	g	0.003	17	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Valine	g	0.010	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Arginine	g	0.047	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Histidine	g	0.007	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Alanine	g	0.086	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Aspartic acid	g	0.022	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Glutamic acid	g	0.110	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Glycine	g	0.012	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Proline	g	0.016	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Serine	g	0.013	18	--	--	--	--	--	--	--	Analytical or derived from analytical	--	04/2014
Other													
Alcohol, ethyl	g	0.0	--	--	--	--	--	--	--	--	Assumed zero	--	04/2014
Caffeine	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	02/2015
Theobromine	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	02/2015

Sources of Data

¹Nutrient Data Laboratory, ARS, USDA National Food and Nutrient Analysis Program Wave 6f, 2002 Beltsville MD

²Welch's Nutrient content of Welch's purple and white grape juices, 2008

³Nutrient Data Laboratory, ARS, USDA Nutrient Analysis of Selected Foods, University of Georgia, 1987 Beltsville MD

⁴Food and Drug Administration (FDA), DHHS FDA Total Diet Study, 1991

⁵Food and Drug Administration (FDA), DHHS FDA Total Diet Study, 1989

⁶Food and Drug Administration (FDA), DHHS FDA Total Diet Study, 1990

⁷Mary Kiritsy, Steven Levy, John Warren, Nupur Guha-Chowdhury, Judy Heilman, Teresa Marshall Assessing Fluoride Concentrations of Juices and Juice-Flavored Drinks, 1996 JADA 127 pp.895-902

⁸Jan Stannard, Youn Soo Shim, Maria Kristsineli, Panagiota Labropoulou, Anithi Tsamtsouris Fluoride Levels and Fluoride Contamination of Fruit Juices, 1991 The Journal of Clinical Pediatric Dentistry 16 pp.38-40

⁹Nutrient Data Laboratory, ARS, USDA NDL Report Vitamin E 1991, 1991 Beltsville MD

¹⁰S.L. Booth, J.A. Sadowski, J.A. T. Pennington Phylloquinone (Vitamin K) Content of Foods in the U.S. Food and Drug Administration's Total Diet Study, 1995 Journal of Agricultural and Food Chemistry 43 6 pp.1574-1579

Footnotes

^a Includes purple and white grape juice